

Product datasheet for **TP318348**

DUX5 (NM_012149) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human double homeobox, 5 (DUX5), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC218348 representing NM_012149
Red=Cloning site **Green**=Tags(s)

MPAEVHGSPASLPCQSVKFRPGLPEMALLTALDDTLPEEAQGPGRMILLSTPSQSDALRACFERNLY
PGIATKEELAQGIDIPEPRVQIWFQNERSCQLRQHRRQSRPWPGRRDPQKGRRKRTAITGSQTALLLRAF
EKDRFPGIAAREELARETGLPESRIQIWFQNRARRHRGQSGRAPTQASIRCNAAPIG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 22 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_036281](#)

Locus ID: 26581

UniProt ID: [Q96PT3](#), [A0A384NPT7](#)

RefSeq Size: 594



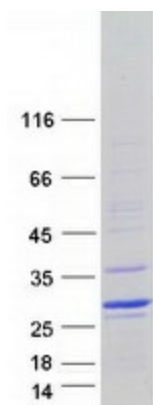
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RefSeq ORF: 591

Synonyms: DUX1

Summary: The human genome contains hundreds of repeats of the 3.3-kb family in regions associated with heterochromatin. The DUX gene family, including DUX5, resides within these 3.3-kb repeated elements (Beckers et al., 2001 [PubMed 11245978]). See DUX4 (MIM 606009). [supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified DUX5 protein (Cat# TP318348). The protein was produced from HEK293T cells transfected with DUX5 cDNA clone (Cat# [RC218348]) using MegaTran 2.0 (Cat# [TT210002]).